

FIG. 1

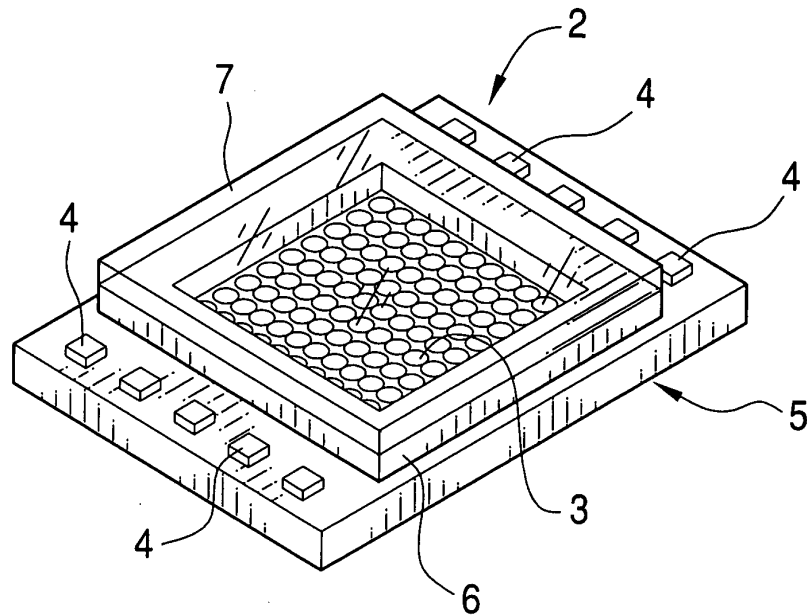


FIG. 2

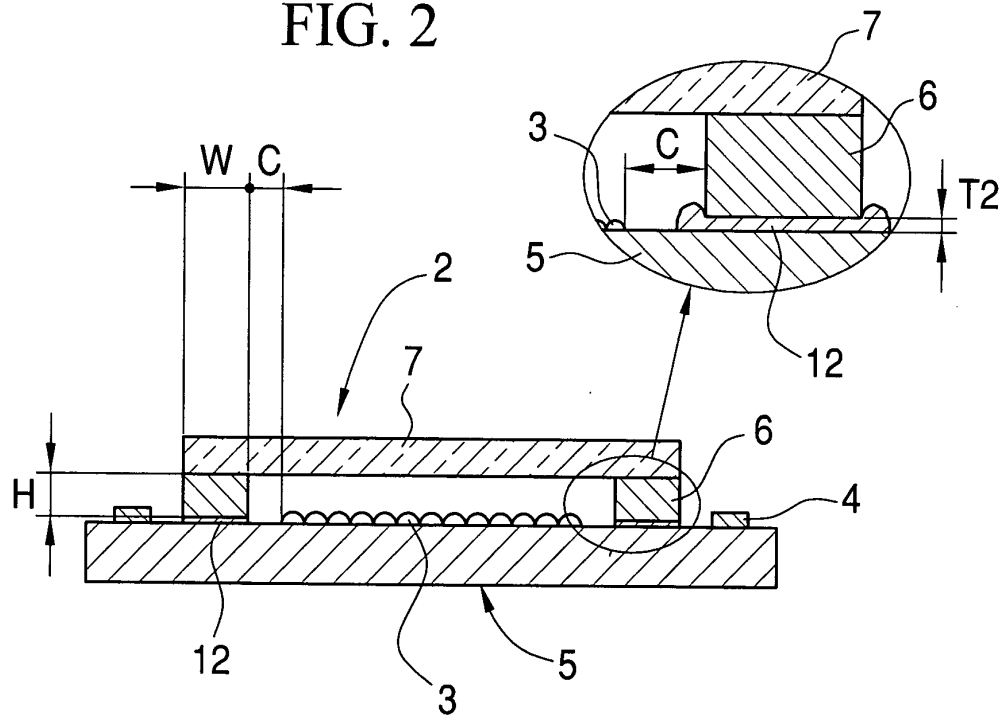


FIG. 3

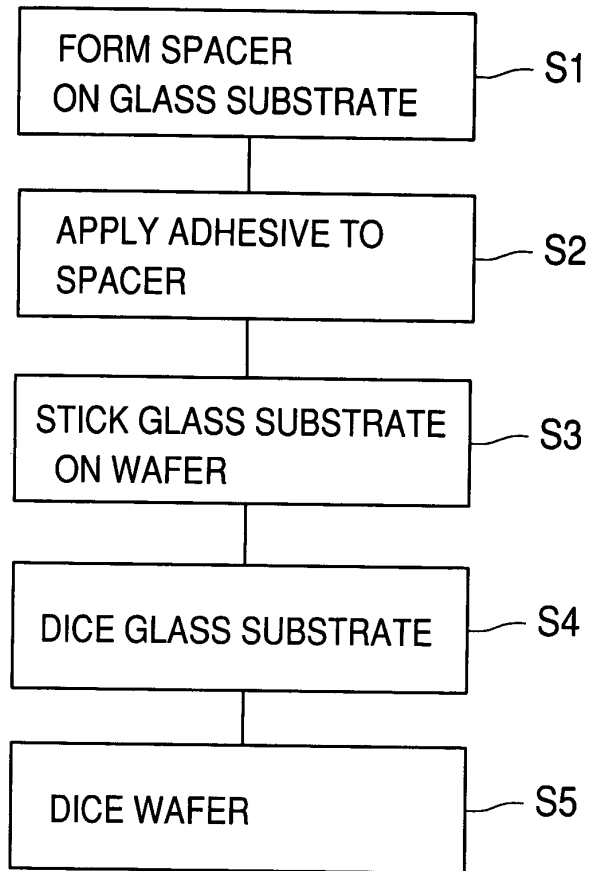


FIG. 4

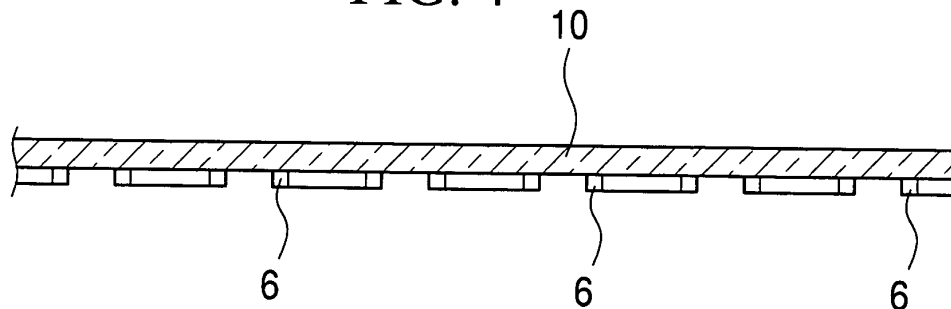


FIG. 5

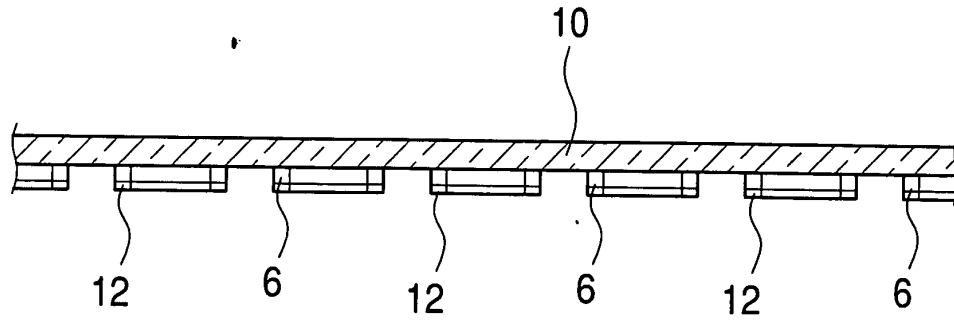


FIG. 6

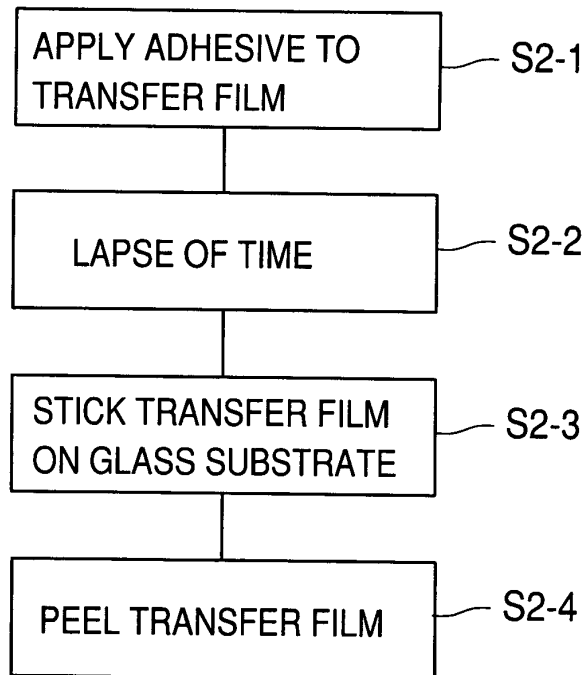


FIG. 7A

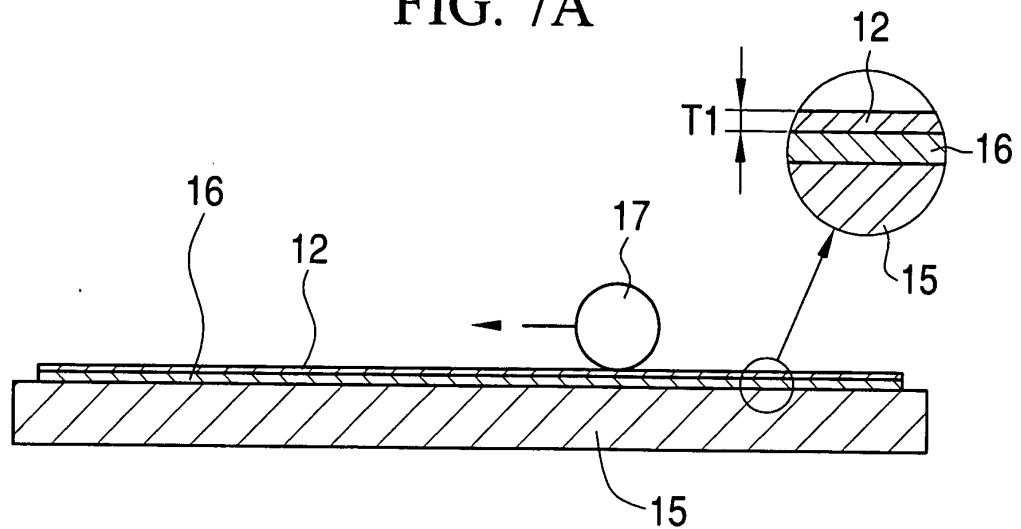


FIG. 7B

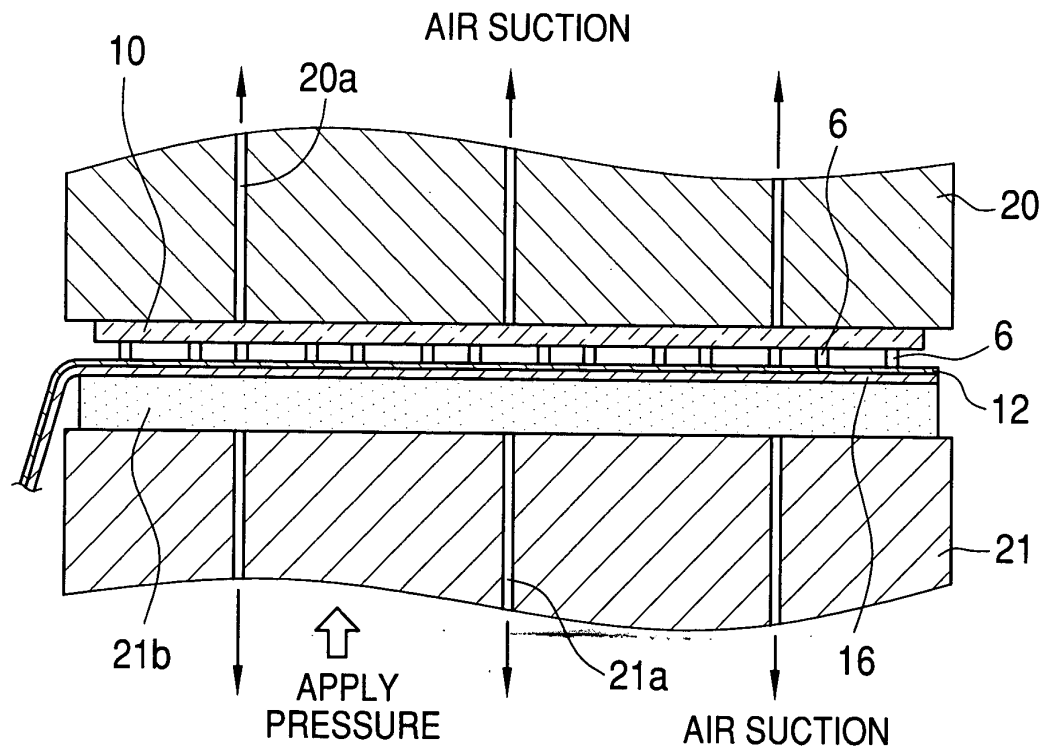
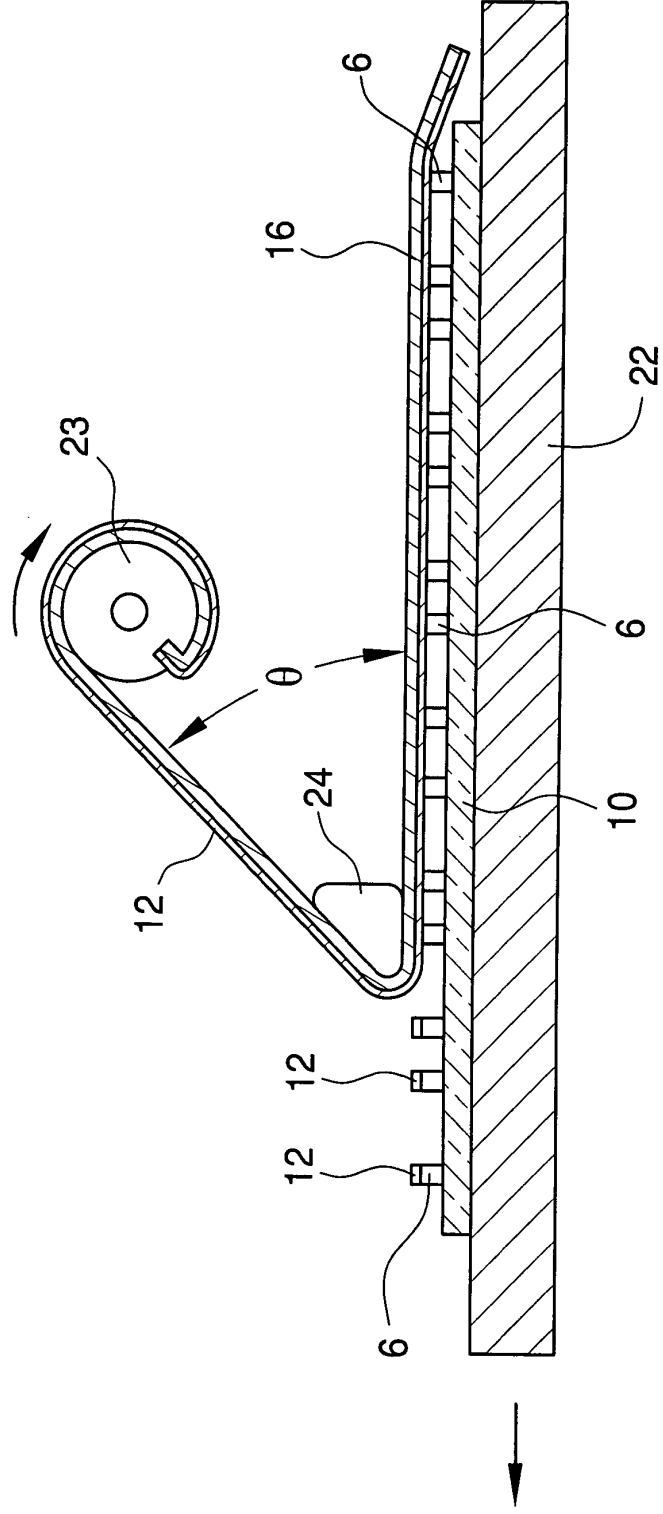


FIG. 8



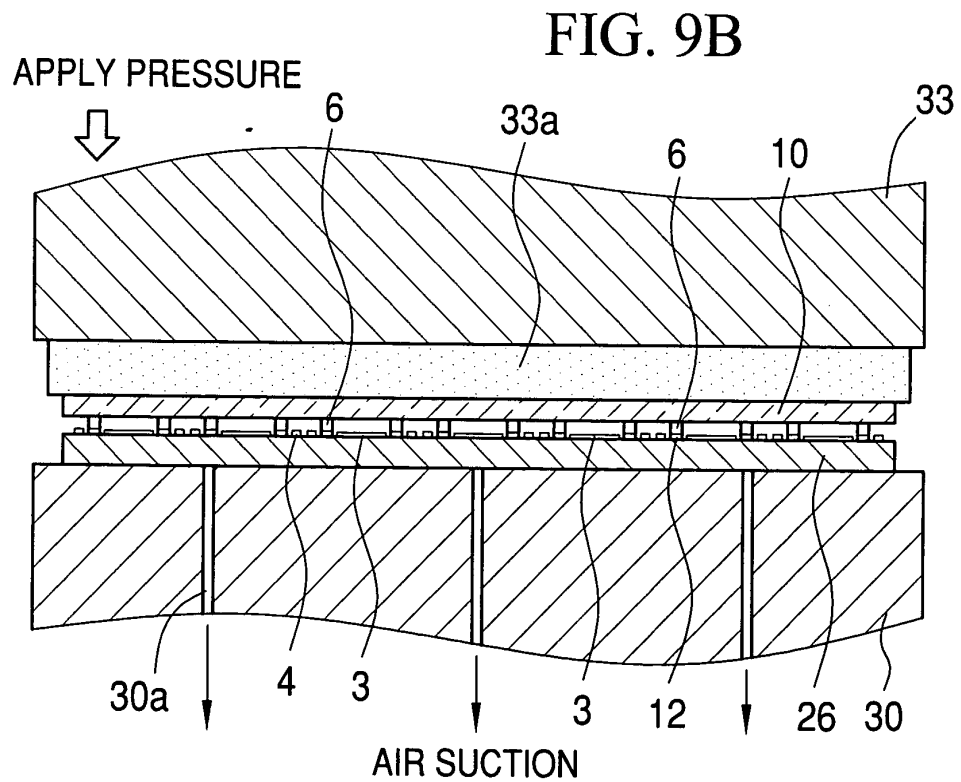
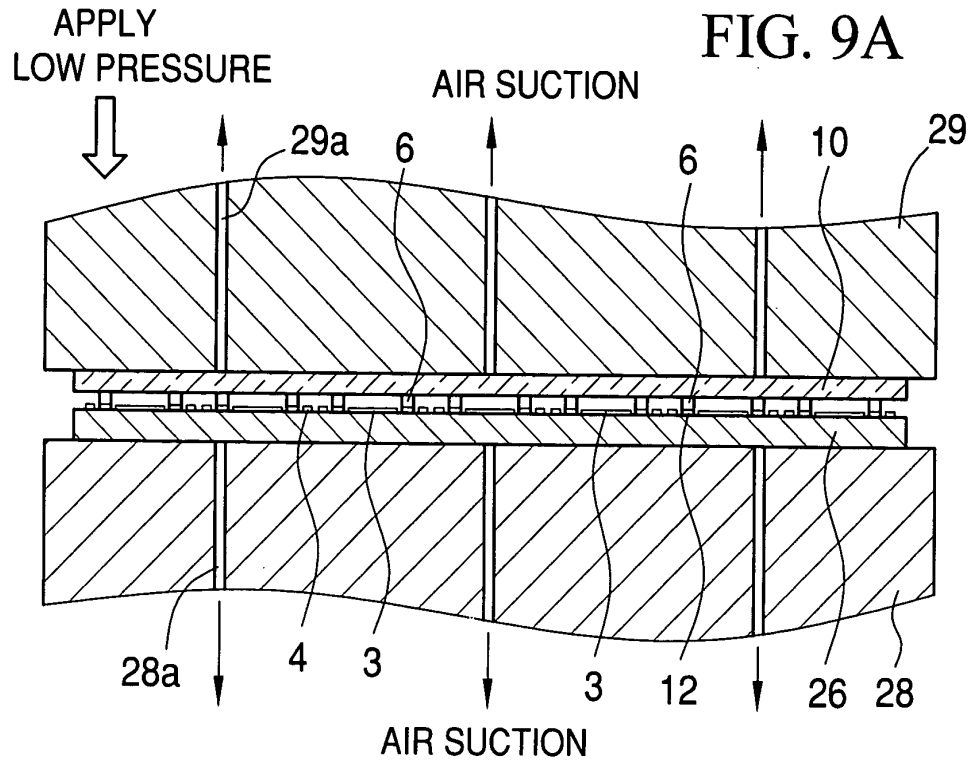
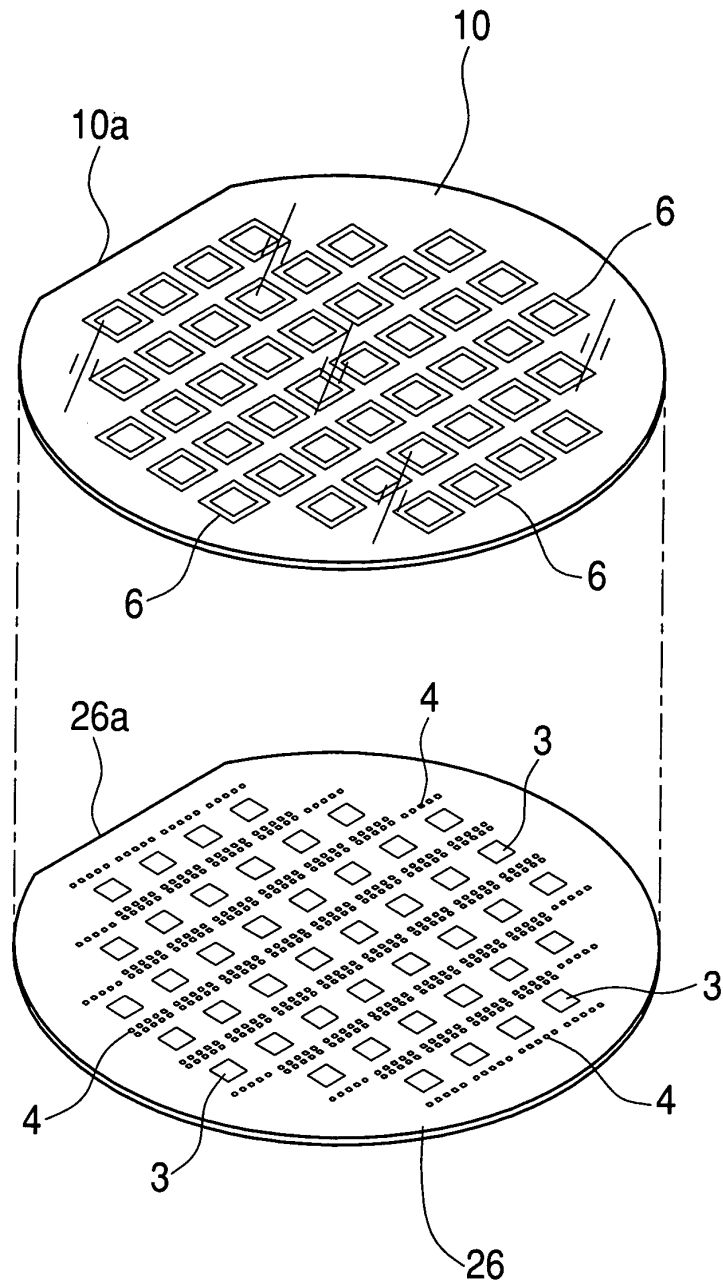


FIG. 10



This cross-sectional view shows a semiconductor device with a central vertical structure 31. The device includes a substrate 26, a base layer 10, and a patterned layer 6. A central vertical structure 31 is formed on the base layer 10. Two angled structures 32 are positioned on either side of the central structure 31. The device is surrounded by a protective layer 12. Other components labeled include 3, 4, 6, 7, and 10.

This cross-sectional diagram illustrates a semiconductor device with a substrate 12. A series of layers are deposited on the substrate, including a layer 26. On top of layer 26, there are several rectangular blocks 3, each containing a smaller rectangular block 6. These blocks are separated by a material 5. A layer 34 is deposited over the blocks 3. Above layer 34, there are two angled structures 35 and 36, each with a layer 7 on its top surface. A vertical structure 3 is also present between the angled structures. The entire device is covered by a top layer 2.

FIG. 13A

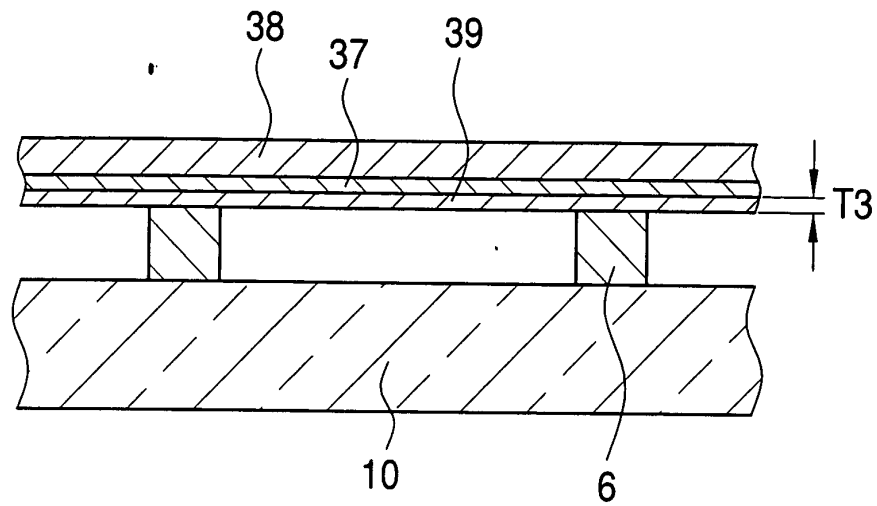
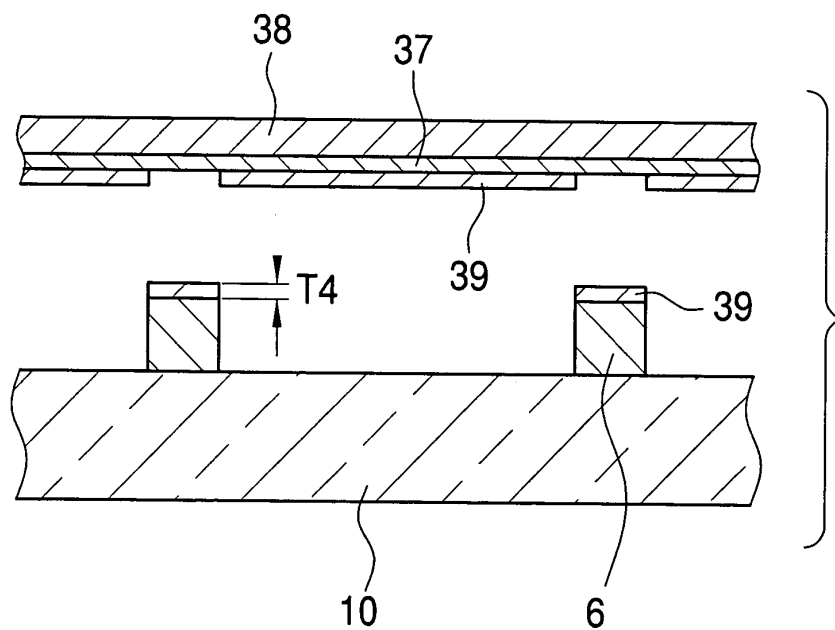


FIG. 13B



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graph TD; S11[BOND GLASS SUBSTRATE AND SPACER WAFER] --> S12[FORM RESIST MASK]; S12 --> S13[FORM CHAMFER EDGES<br/>(ISOTROPIC DRY ETCHING)]; S13 --> S14[FORM SPACER<br/>(ANISOTROPIC DRY ETCHING)]; S14 --> S15[REMOVE RESIST MASK<br/>AND ADHESIVE];
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The flowchart illustrates the manufacturing process for a liquid crystal display device, consisting of five sequential steps:

- S11: BOND GLASS SUBSTRATE AND SPACER WAFER**
- S12: FORM RESIST MASK**
- S13: FORM CHAMFER EDGES (ISOTROPIC DRY ETCHING)**
- S14: FORM SPACER (ANISOTROPIC DRY ETCHING)**
- S15: REMOVE RESIST MASK AND ADHESIVE**

FIG. 16A

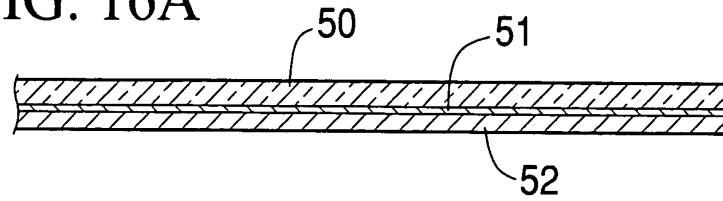


FIG. 16B

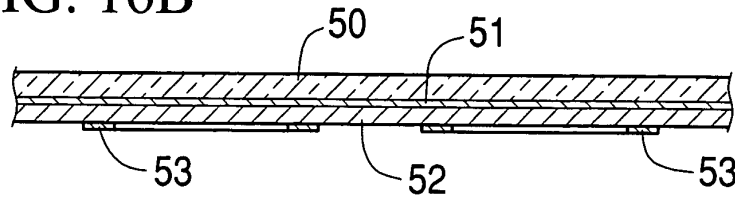


FIG. 16C

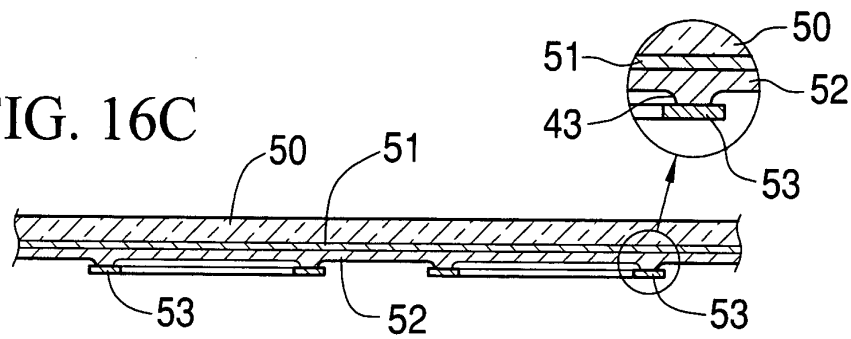


FIG. 16D

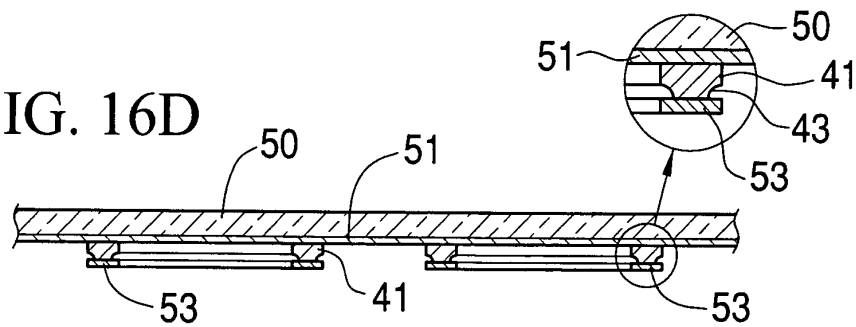


FIG. 16E

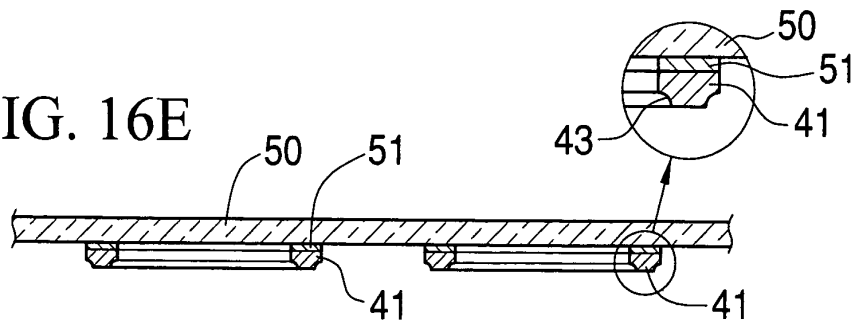


FIG. 17A

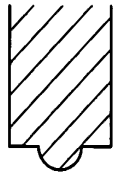


FIG. 17B

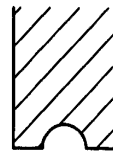


FIG. 17C

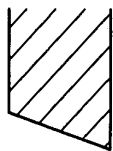


FIG. 17D

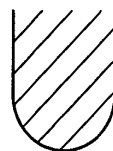


FIG. 17E

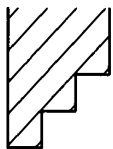


FIG. 17F



FIG. 18A

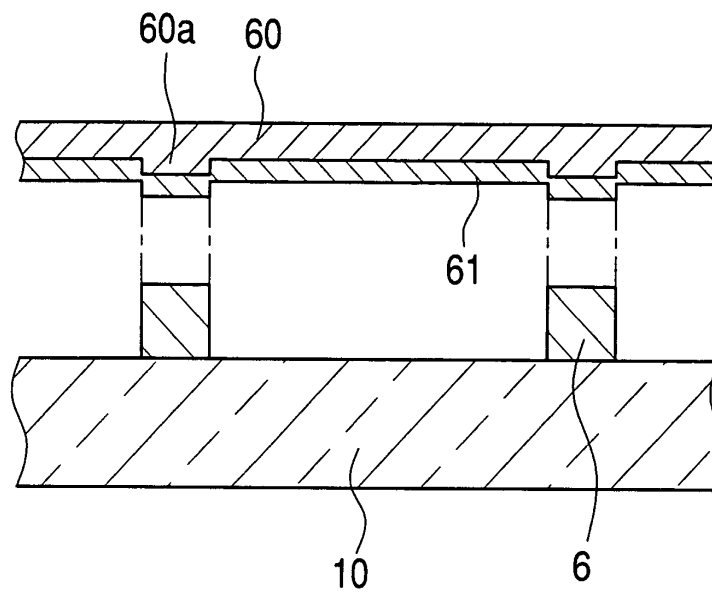


FIG. 18B

